(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 13 January 2005 (13.01.2005)

PCT

(10) International Publication Number WO 2005/003917 A3

- (51) International Patent Classification7: G07F 7/00, 17/00
- (21) International Application Number:

PCT/US2004/020805

- (22) International Filing Date: 28 June 2004 (28.06.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/483,463

27 June 2003 (27.06.2003)

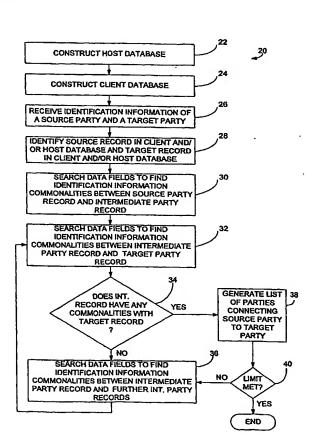
- (71) Applicant (for all designated States except US): ORION'S BELT, INC. [US/US]; 116 Ford Road, Sudbury, MA 01776 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MCGEACHIE,

John, S. [US/US]; 21 Bishops Way, North Reading, MA 01864 (US). MACKSOUD, Agnes, M. [US/US]; 116 Ford Road, Sudbury, MA 01776 (US). DUCHAINE, Janet, L. [US/US]; 215 Locust Road, Harwinton, CT 06791 (US).

- (74) Agents: KUSMER, Toby, H. et al.; McDermott Will & Emery LLP, 28 State Street, Boston, MA 02109-1775 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN. CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: METHOD OF AND SYSTEM FOR DETERMINING CONNECTIONS BETWEEN PARTIES USING PRIVATE LINKS



(57) Abstract: A system and method for determining a connection between a one or more "from" connections points and one or more "to" connections points, wherein connections between the connection points are determined as a function of intermediate connections in the path formed between the "from" and "to" connection endpoints.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report

- with amended claims
- (88) Date of publication of the international search report: 7 April 2005

Date of publication of the amended claims:

2 June 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.